Amendments to the Claims

The listing of claims replaces all prior versions, and listings, of claims in the application:

Listing of claims

Claim 1 (original): A portable 2-way secure purchasing aid logistics appliance, comprising:

means for inputting information;

a central processor coupled to said means for inputting information to generate a

shopping list, wherein said central processor includes application software to

maintain a budget and to perform finance computations;

means for securing memory coupled to said central processor to safeguard personal and

financial information;

means for outputting said shopping list, and said personal and said financial information;

and

a display to view said shopping list.

Claim 2 (original): The portable 2-way secure purchasing aid logistics appliance according to

claim 1 wherein said means for inputting information is a radio receiver, said radio receiver

receives signals from a radio transmitter coupled to a merchant computer, whereby the merchant

computer transmits product information in response to a signal by said purchasing aid logistics

appliance for product information.

Claim 3 (original): The portable 2-way secure purchasing aid logistics appliance according to

claim 1 wherein said means for inputting information is an internet port, said internet port is

connectable to a personal computer linked to a merchant web site, whereby the merchant web

site downloads product information to said internet port in response to a signal by the personal computer for product information.

Claim 4 (original): The portable 2-way secure purchasing aid logistics appliance according to claim 1 wherein said means for inputting information is a bar code scanner, whereby said bar code scanner scans print media bar codes having product information and generates bar code signals to said central processor for further processing.

Claim 5 (original): The portable 2-way secure purchasing aid logistics appliance according to claim 4 wherein said central processor compares said shopping list to said bar code signals to determine whether product is a new product to add to said shopping list or an existing product, whereby said central processor tracks the total cost of products scanned, the remaining products to be scanned, and the available funds remaining in the budget.

Claim 6 (original): The portable 2-way secure purchasing aid logistics appliance according to claim 4 wherein said central processor includes executable software to convert bar code signals into a web page to be displayed on said display.

Claim 7 (original): The portable 2-way secure purchasing aid logistics appliance according to claim 6 wherein said executable software includes:

      a decoder having HTML, JAVA and WAP decode tables;

      a parser having a modifying table to construct frame software; and

      a display browser,

      whereby a bar code containing either HTML, JAVA or WAP script can be converted into

          a web page.

Claim 8 (original): The portable 2-way secure purchasing aid logistics appliance according to claim 1 wherein said means for inputting information is a keypad to input product information, personal information, and financial information

Claim 9 (original): The portable 2-way secure purchasing aid logistics appliance according to claim 1 wherein said means for inputting information is a magnetic stripe reader.

Claim 10 (original): The portable 2-way secure purchasing aid logistics appliance according to claim 1 wherein said means for securing memory includes a smart card reader and encryption circuitry.

Claim 11 (original): The portable 2-way secure purchasing aid logistics appliance according to claim 1 wherein said central processor transmits a first signal to said means for outputting, whereby said means for outputting transmits said first signal to a merchant computer.

Claim 12 (original): The portable 2-way secure purchasing aid logistics appliance according to claim 11 wherein said first signal comprises a credit card number and personal identification number.

Claim 13 (original): The portable 2-way secure purchasing aid logistics appliance according to claim 11 wherein said first signal comprises said shopping list.

Claim 14 (original): The portable 2-way secure purchasing aid logistics appliance according to claim 11 wherein said first signal comprises a debit card number and personal identification number.

Claim 15 (original): The portable 2-way secure purchasing aid logistics appliance according to claim 1 wherein said means for outputting includes a radio transmitter.

Claim 16 (original): The portable 2-way secure purchasing aid logistics appliance according to claim 15 wherein said means for outputting controls signal strength to communicate with a merchant sales register to minimize the possibility of transmission interception.

Claim 17 (original): The portable 2-way secure purchasing aid logistics appliance according to claim 10 wherein said central processor further includes executable software to compare smart card information and user personal identification number to data stored in a smart card and said central processor to prevent unauthorized use of said portable 2-way secure purchasing aid logistics appliance.

Claim 18 (currently amended): A method for using a purchasing aid logistics appliance, comprising the steps of:

downloading product data from a web site or bar coded advertisement;

creating a shopping list from ~~said~~ the product data;

transmitting ~~said~~ the shopping list to a merchant computer upon entry into a merchant facility;

receiving product data from ~~said~~ the merchant computer upon entry into ~~said~~ the merchant facility;

scanning a product bar code when a product is removed from the shelf and placed in a shopping cart for purchase;

creating a shopping cart file when ~~said~~ the product is scanned; and

transmitting ~~said~~ the shopping cart file to ~~said~~ the merchant computer to checkout.

Claim 19 (original): A purchasing aid logistics appliance comprising,

means for creating a shopping list outside a merchant facility;

means for storing said shopping list and user personal information;

means for automatically uploading said shopping list to a merchant computer upon entry

into said merchant facility;

means for two-way data and voice communication with said merchant computer;

means for displaying said shopping list;

means for optically inputting product information data;

means for electronic payment; and

means for calculating total price of items selected.

Claim 20 (currently amended): The appliance as defined in ~~18~~ 19 wherein said means for storing

is secure.